

Amendment to the Specification:

Please insert the following changes in the title on page 1 of the Specification and in the Abstract: "~~METHOD AND APPARATUS FOR OPTICAL FIBER FOR~~
FABRICATING A FIBER ARRAY AND A FIBER ARRAY ASSEMBLY".

Please insert the following changes on page 5, paragraphs, 19 - 24 under the heading Brief Description of the Drawings:

[0019] FIG. 2 is a perspective view illustrating a multi-fiber array including via holes;

[0020] FIG. 3 is a perspective view illustrating a multi-fiber array including via holes and a channel;

[0021] FIG. 4 is a perspective view illustrating a multi-fiber array including a single via hole and a channel;

[0022] FIG. 5 is a perspective view illustrating a multi-fiber array including via holes and a channel according to another alternative embodiment;

[0023] FIG. 6 is a flow chart describing a method of fabricating a multi-fiber array;~~and~~

[0024] FIG. 7 is a perspective view illustrating a multi-fiber array including a via hole according to another alternative embodiment; and.

[0024.1] FIG. 8 is a perspective view illustrating a multi-fiber array including via holes and metal coatings.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please insert the following paragraph after paragraph 39.

[0039.1] Referring to FIG. 8, a substrate 402 has a plurality of guides 404 formed therein. The substrate 402 also has one or more via holes 406 in fluid communication with the plurality of guides 404. Each of a plurality of optical fibers 408 is disposed within a respective one of the guides 404. Each of the optical fibers 408 is placed within a corresponding one of the guides 404 in the substrate 402. An adhesive material 410 surrounds each of the optical fibers 408 in a corresponding guide 404 to fix the position of each optical fiber 408. The adhesive 410 is applied through the one or more via holes 406. The adhesive material 410 is a solder. Further, at least one of the optical fibers 408, the plurality of guides 404, and the one or more via holes 406 are coated with a metal coating 412.